

What is claimed is:

1. A method comprising:
providing an ozone-generating lamp within a pair of coaxial enclosures, one of
5 the enclosures structured for rotating with respect to the other enclosure; and
providing an opening in each of the enclosures;
wherein the degree of overlap of the openings effected by the rotating
determines an amount of ozone being produced by the lamp.
- 10 2. The method of claim 1 further comprising providing a switch for
energizing/de-energizing the lamp.
3. The method of claim 2 wherein the switch includes an airflow sensor for
effecting the energizing/de-energizing of the lamp.
- 15 4. A method comprising:
providing a lamp for emitting ozone-producing radiation;
providing an enclosure for covering the lamp, the enclosure having a
mechanically-adjustable opening for changing an amount of the radiation being
20 emitted from the enclosure; and
providing an ozone-creating passageway for receiving the radiation being
emitted from the enclosure.
5. A method comprising:
25 powering a lamp for emitting ozone-producing radiation; and
adjusting an amount of ozone produced by the ozone-producing radiation by
rotating a first opening with respect to a second opening.
6. The method of claim 5 wherein the openings are slots in respective ones of
30 two coaxial enclosures.

7. The method of claim 6 wherein the two coaxial enclosures are concentric tubes.
- 5 8. The method of claim 5 wherein the powering of the lamp includes switching electricity to the lamp when airflow is sensed.
9. The method of claim 5 wherein the adjusting is effected by a user physically moving a mechanism.
- 10 10. A method comprising:
producing ozone-generating radiation;
mechanically attenuating the ozone-generating radiation; and
mixing the attenuated ozone-generating radiation with air to produce ozone.
- 15 11. Apparatus comprising:
a lamp for emitting ozone-producing radiation;
first and second pipes respectively having first and second openings, the first and second pipes enclosing the lamp and being concentrically arranged with respect to
20 one another; and
an adjustment member connected to the first pipe for rotating the first opening with respect to the second opening;
wherein the rotating is operative to adjust an amount of ozone being produced by the ozone-producing radiation.
- 25 12. Apparatus of claim 11 further comprising a lamp holder for preventing rotation of the lamp.
13. Apparatus of claim 11 wherein the first opening is a tapered slot.
- 30 14. Apparatus of claim 13 wherein the tapered slot has a non-linear taper.

15. Apparatus of claim 14 wherein the curved taper has a linear taper.
16. Apparatus of claim 11 wherein the lamp produces radiation with an approximate wavelength that is one of 185 nanometers and 254 nanometers.
- 5 17. Apparatus of claim 11 adapted to be mounted in a duct.
18. Apparatus of claim 11, wherein the adjustment member is one of a knob, a handle, and a lever.
- 10 19. Apparatus of claim 11 wherein the lamp includes a ballast.
20. Apparatus comprising:
at least one lamp for emitting ozone-producing radiation;
15 means for mechanically adjusting an amount of the ozone-producing radiation being emitted; and
means for receiving the amount of ozone-producing radiation being emitted.
21. A system comprising:
20 a lamp for emitting ozone-producing radiation;
an enclosure covering the lamp and having a mechanically-adjustable opening for changing an amount of the ozone-producing radiation being emitted from the enclosure; and
an ozone-creating passageway for receiving the ozone-producing radiation
25 being emitted from the enclosure.
22. The system of claim 21 wherein the ozone-creating passageway includes a duct.
- 30 23. The system of claim 22 further comprising a sensor for sensing airflow in the duct and powering the lamp when airflow is sensed.

24. The system of claim 22 further comprising a switch for controllably energizing the ultraviolet lamp.
- 5 25. The system of claim 24 further comprising a controller for closing/opening the switch.
26. The system of claim 25 wherein the controller is electrically connected to HVAC apparatus.
- 10 27. The system of claim 22 wherein the enclosure includes a pair of concentric tubes, one of the tubes being rotatable with respect to the other tube, the other tube being secured to the duct, and wherein rotation of the rotatable tube adjusts an amount of ozone being produced in the duct by the ozone-producing radiation.
- 15 28. The system of claim 27 wherein each of the tubes has an opening, the openings together defining an amount of ozone being produced in the duct.
29. The system of claim 27 further comprising an adjustment member connected to the rotatable tube.
- 20 30. The system of claim 29 wherein the adjustment member is one of a knob and a lever.
31. A system comprising:
- 25 a lamp for producing ozone-generating radiation;
an attenuator for mechanically attenuating the ozone-generating radiation; and
an air passageway for receiving the attenuated ozone-generating radiation and mixing the ozone-generating radiation with air to produce ozone.
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